

(12) UK Patent Application (19) GB (11) 2 175 332 A

(43) Date of printing by UK Office 26 Nov 1986

(21) Application No 8610934

(22) Date of filing 30 Aug 1985

(30) Priority data

(31) 3318 (32) 4 Sep 1984 (33) HU

(86) International application data
PCT/HU85/00052 Hu 30 Aug 1985

(87) International publication data
WO/86/01561 En 13 Mar 1986

(51) INT CL⁴ (as given by ISA)
E21B 19/22

(52) Domestic classification (Edition H)
E1F EC GR1 GR

(56) Documents cited by ISA
DE C2 1107613
SU A3 0898958
SU A1 0785458

(58) Field of search by ISA
IPC⁴ E21B 19/00, 19/08, 19/22

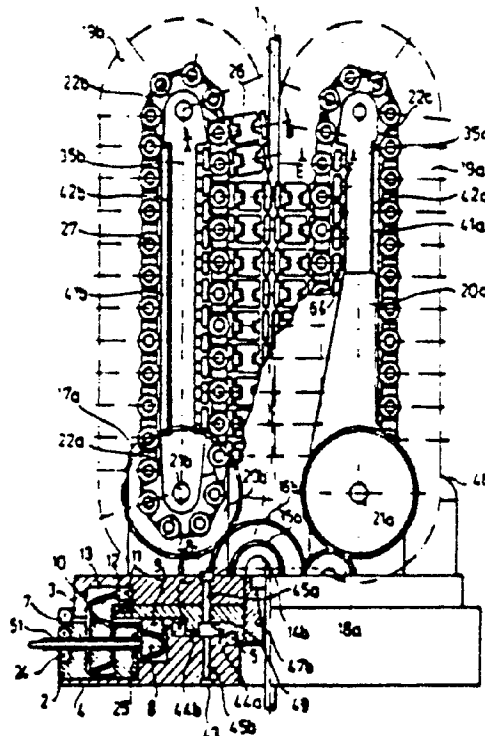
(71) Applicant
Janos Fenyvesi,
Hungaria krt 163/b, H—1146 Budapest, Hungary

(72) Inventor
Janos Fenyvesi

(74) Agent and/or Address for Service
Marks & Clerk, 57—60 Lincoln's Inn Fields, London
WC2A 3LS

(54) **Drillstem motion apparatus,
especially for the execution of
continuously operational deepdrilling**

(57) Drillstem motion apparatus which without the employment of the drilling tower necessary for geophysical explorative deep drillings, can be executed in continuous operation, in place of the presently used drilling towers, with a considerably lower (lesser in height) and much better, stability apparatus. The essence (the subject) of the apparatus, that to the drillstem (1) activating turntables's rotary tabletop (3) a pipe motioning mechanism (19a, 19b) is fixed, clamping and simultaneously rotating the drillstem (1) with frictional force, consisting two 'INFINITIVE' chainstructure (19a, 19b), their tensioning chainhold housings (35a, 35b), to these chainhold housings (35a, 35b) are fixed two each of chainwheels (22a, 22b, 22c and 22d), a mechanical power transmission system for the motioning of the chainstructures (19a, 19b) into opposite directions to each other and each chainlink (27) of the chainstructures (19a, 19b) a horizontally moving hydraulic power transmission system, mobility of which is ensured by a force transmission system (2) situated in between the rotary tabletop (3) and the static tabletop (4).



GB 2 175 332 A